Amendment and Response
Applicant: Mark M. Josephsen et al.
Serial No.: 10/700,075
Filed: November 3, 2003
Docket No.: 100202485-1
Title: PRINTER SECURITY KEY MANAGEMENT

IN THE CLAIMS

Please cancel claims 19 and 20 without prejudice.

Please amend claims 1-10, 12-14, 16, 18, and 21 as follows:

1. (Currently Amended) A printer, comprising:

a security module within [[a]] the printer that is operable to:

receive a message from an attached computer requesting a secure printing key;

generate a key in response to the received message; and

send the key to the attached computer requesting the key.

2. (Currently Amended) The security module printer of claim 1, wherein the generated key comprises a symmetric encryption key.

3. (Currently Amended) The security module printer of claim 2 claim 1, wherein [[the]] sending the key to the attached computer requesting the key comprises sending the key to the attached computer over a secured connection.

4. (Currently Amended) The security module printer of claim 1 claim 2, wherein the symmetric encryption key is a DES key.

5. (Currently Amended) The security module printer of claim 1, wherein generating [[a]] the key comprises generating a public key and a private key, and wherein sending the key to the attached computer requesting the key comprises sending the public key to the attached computer requesting the key.

6. (Currently Amended) The security module printer of claim 5, wherein the public key is sent to the attached computer over a secured connection.

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7.   (Currently Amended) The ~~security module~~ printer of claim 1, wherein the security module receives the message from [[an]] the attached computer via a web server hosted within the printer.

8.   (Currently Amended) The ~~security module~~ printer of claim 1, wherein the security module executes within a Java virtual machine within the printer.

9.   (Currently Amended) The ~~security module~~ printer of claim 1, wherein the attachment between the printer and the attached ~~printer~~ computer is a network attachment.

10.   (Currently Amended) A machine-readable medium with instructions stored thereon, the instructions when executed operable to cause a ~~computerized~~ printer to:
        receive a message from an attached computer requesting a secure printing key;
        generate a key in response to the received message; and
        send the key to the attached computer requesting the key.

11.   (Original) The machine-readable medium of claim 10, wherein the generated key comprises a symmetric encryption key.

12.   (Currently Amended) The machine-readable medium of ~~claim 11~~ claim 10, wherein [[the]] sending the key to the attached computer requesting the key comprises sending the key to the attached computer over a secured connection.

13.   (Currently Amended) The machine-readable medium of ~~claim 10~~ claim 11, wherein the symmetric encryption key is a DES key.

14.   (Currently Amended) The machine-readable medium of claim 10, wherein generating [[a]] the key comprises generating a public key and a private key, and wherein sending the key to the attached computer requesting the key comprises sending the public key to the attached computer requesting the key.

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15.   (Original) The machine-readable medium of claim 14, wherein the public key is sent to the attached computer over a secured connection.

16.   (Currently Amended) The machine-readable medium of claim 10, wherein the security module receives the message from [[an]] the attached computer via a web server hosted within the printer.

17.   (Original) The machine-readable medium of claim 10, wherein the security module executes within a Java virtual machine within the printer.

18.   (Currently Amended) The machine-readable medium of claim 10, wherein the attachment between the printer and the attached printer computer is a network attachment.

19.   (Cancelled)

20.   (Cancelled)

21.   (Currently Amended) A method of managing a printer in a computerized system external to the printer, comprising:

        receive receiving a message from an attached computer requesting a secure printing key;

        generate generating a key in response to the received message; and

        send sending the key to the attached computer requesting the key.